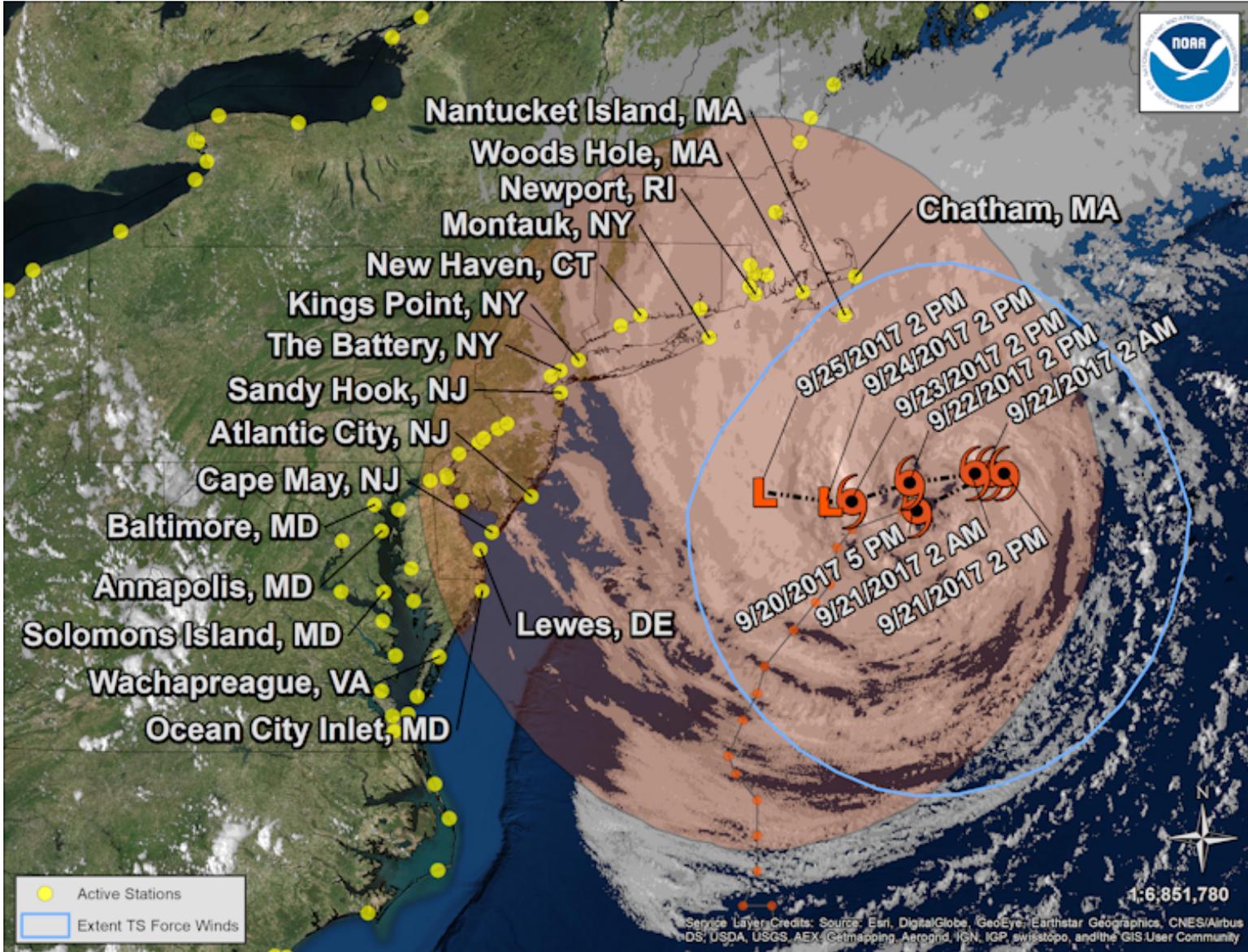




Tropical Storm JOSE QuickLook  
Posted: 18:00 AST 09/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 09/20/2017 18:00 AST, water levels from the mid-Atlantic to southern New England, including Chesapeake Bay, where water levels are now rising, remain elevated due to Tropical Storm Jose. From Wachapreague, VA to Sandy Hook, NJ and within middle to upper Chesapeake Bay, water levels are measuring 1 to 2 feet above normal tide levels. From New York City to Cape Cod, MA, water levels are measuring 0.7 to 1.3 feet above tidal predictions.

Winds are increasing at Newport, RI and Nantucket Island, MA and range from 10 to 25 knots with recent gusts over 35 knots recorded at Nantucket. Elsewhere, winds are generally 10 knots or less at most locations. Barometric pressure continues to drop at Nantucket Island, MA but has bottomed out or is rising elsewhere across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please see Coastal Inundation Dashboard.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Jose Advisory Number 62  
NWS National Hurricane Center Miami FL AL122017  
500 PM AST Wed Sep 20 2017

...TROPICAL STORM CONDITIONS EXPECTED TO OCCUR IN PORTIONS OF SOUTHERN NEW ENGLAND TONIGHT...  
...DANGEROUS SURF AND RIP CURRENTS EXPECTED TO CONTINUE FOR SEVERAL MORE DAYS ALONG MUCH OF THE EAST COAST OF THE UNITED STATES...

SUMMARY OF 500 PM AST...2100 UTC...INFORMATION

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LOCATION...39.2N 69.1W  
ABOUT 145 MI...235 KM SSE OF NANTUCKET MASSACHUSETTS  
MAXIMUM SUSTAINED WINDS...70 MPH...110 KM/H  
PRESENT MOVEMENT...NE OR 45 DEGREES AT 8 MPH...13 KM/H  
MINIMUM CENTRAL PRESSURE...976 MB...28.82 INCHES

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

- A Tropical Storm Warning is in effect for...
- \* Woods Hole to Sagamore Beach, including Cape Cod
  - \* Block Island
  - \* Martha's Vineyard
  - \* Nantucket

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within the next 12 hours.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

#### DISCUSSION AND 48-HOUR OUTLOOK

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At 500 PM AST (2100 UTC), the center of Tropical Storm Jose was located near latitude 39.2 North, longitude 69.1 West. Jose is moving toward the northeast near 8 mph (13 km/h), and this general motion with a decrease in forward speed is expected through tonight. A slow westward motion should begin by Thursday night. On the forecast track, the center of Jose is expected to meander off the coast of southern New England during the next few days.

Maximum sustained winds are near 70 mph (110 km/h) with higher gusts. Gradual weakening is forecast during the next couple of days.

Jose is a large tropical cyclone. Tropical-storm-force winds extend outward up to 230 miles (370 km) from the center. NOAA buoy 44008, located about 65 miles southeast of Nantucket, recently reported a sustained wind of 40 mph (65 km/h) and a gust to 52 mph (83 km/h).

The estimated minimum central pressure is 976 mb (28.82 inches).

#### HAZARDS AFFECTING LAND

-----  
WIND: Tropical storm conditions are expected to begin in the warning area tonight and continue through Thursday.

SURF: Swells generated by Jose are affecting Bermuda and much of the U.S. east coast and will likely cause dangerous surf and rip current conditions during the next several days. For more information, please consult products from your local weather office.

RAINFALL: Jose is expected to produce the following additional rainfall accumulations through Thursday:

Martha's Vineyard and Cape Cod...1 to 2 inches. Nantucket...2 to 4 inches.

These rainfall totals could cause isolated flash flooding.

#### NEXT ADVISORY

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Next intermediate advisory at 800 PM AST.

Next complete advisory at 1100 PM AST.

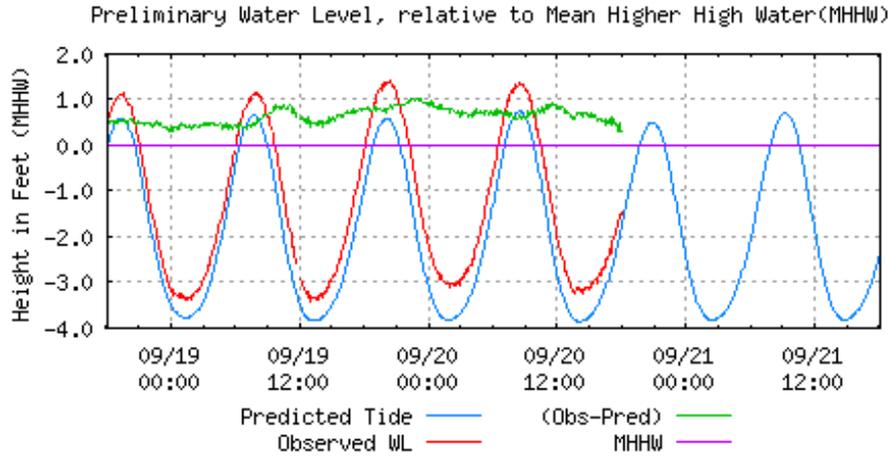
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Forecaster Cangialosi

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

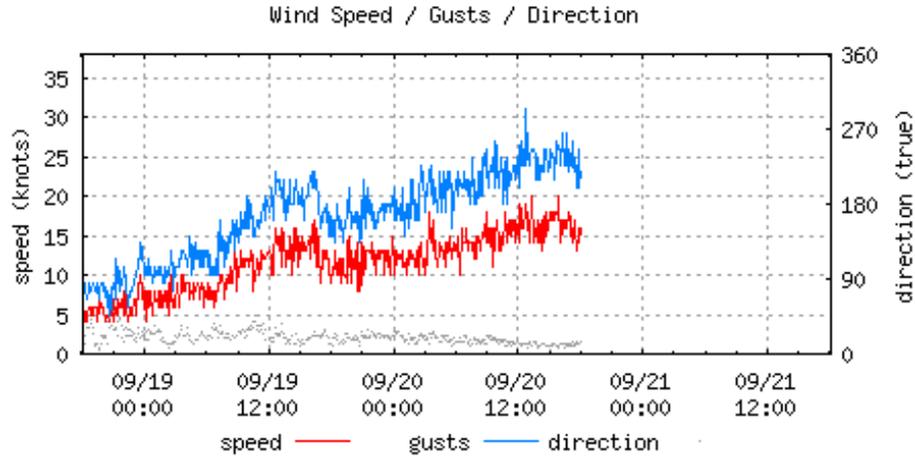
Jump to: [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Chatham - Water Level](#), [New Haven - Water Level](#), [New Haven - Winds](#), [Montauk - Water Level](#), [Montauk - Barometric](#), [Kings Point - Water Level](#), [Kings Point - Winds](#), [The Battery - Water Level](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Atlantic City - Water Level](#), [Cape May - Water Level](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Baltimore - Water Level](#), [Annapolis - Water Level](#), [Solomons Island - Water Level](#), [Solomons Island - Winds](#)

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -1.28 ft. Predicted: -1.69 ft. Residual: 0.41 ft.**  
 Historical Maximum Water Level: Sep 21 1938, 9.46 ft.  
 Next High Tide: 09/20/2017 20:52 (EDT), 0.50 ft.

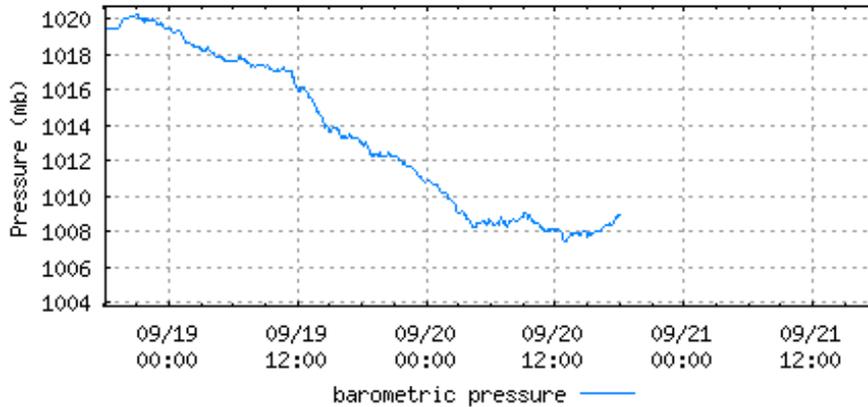
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Wind Speed: 15 knots Gusts: 22 knots Direction: 15° T**

NOAA/NOS/CO-OPS 8452660 Newport, RI

Barometric Pressure

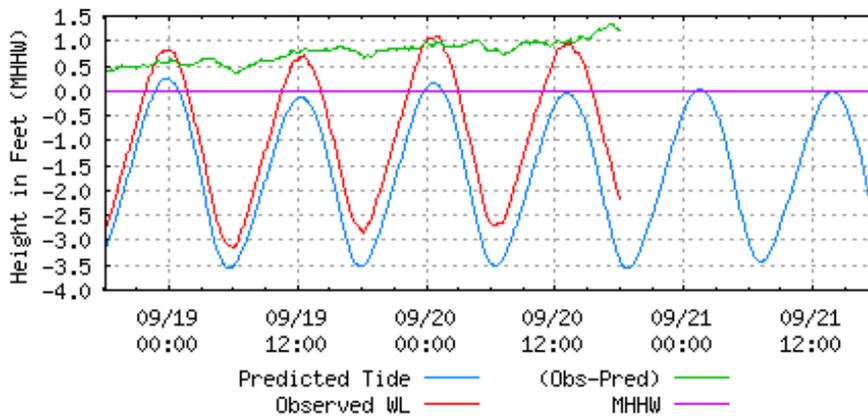


Last Observed Sample: 09/20/2017 18:06 (EDT)

Barometric Pressure: 1008.9 mb

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



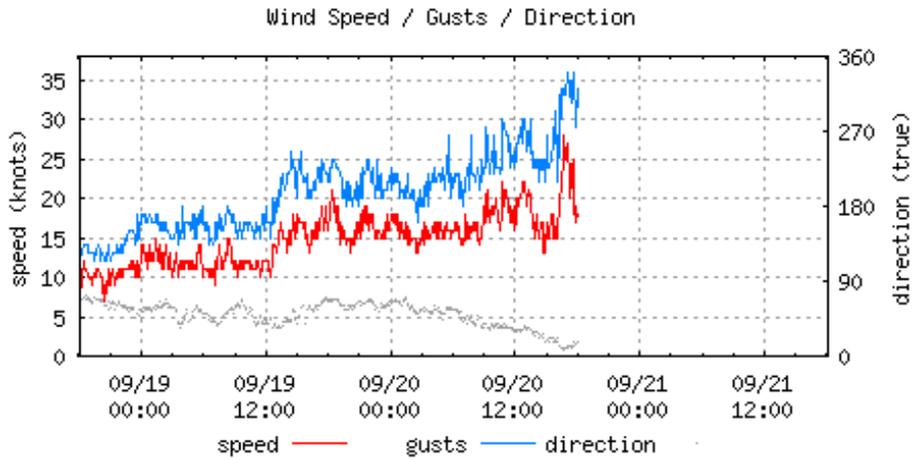
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW

Observed: -2.22 ft. Predicted: -3.42 ft. Residual: 1.20 ft.

Historical Maximum Water Level: Oct 30 1991, 4.29 ft.

Next High Tide: 09/21/2017 01:30 (EDT), 0.03 ft.

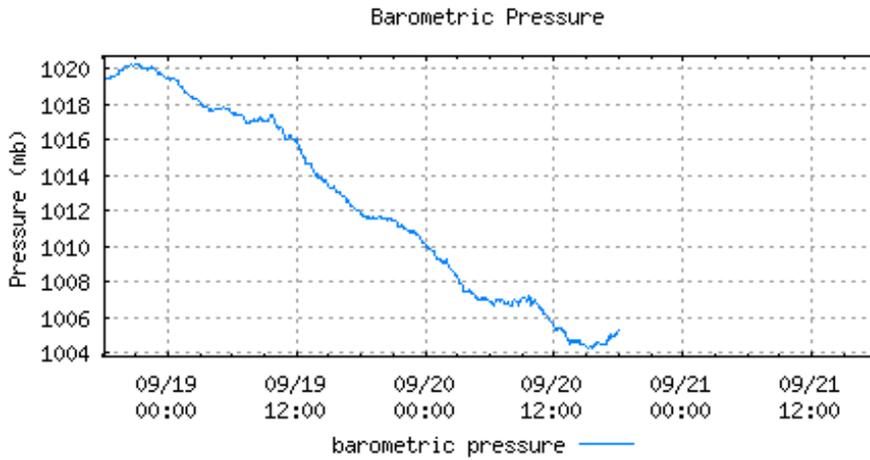
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/20/2017 18:06 (EDT)

Wind Speed: 16 knots Gusts: 29 knots Direction: 21° T

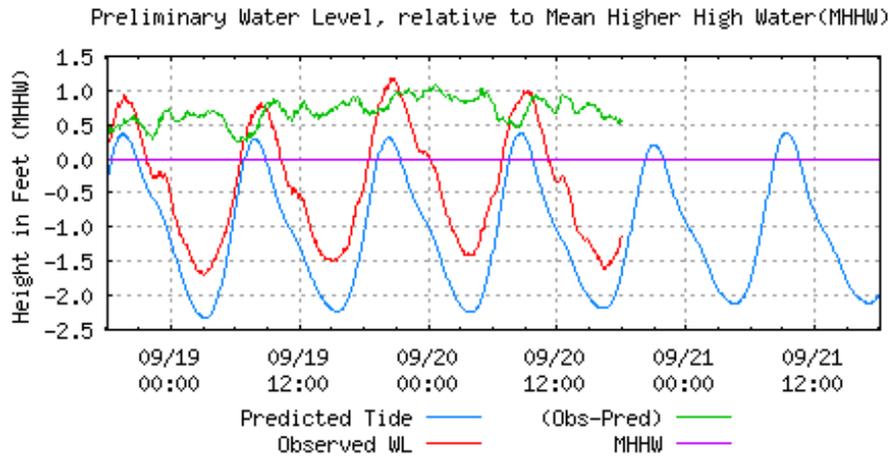
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/20/2017 18:06 (EDT)

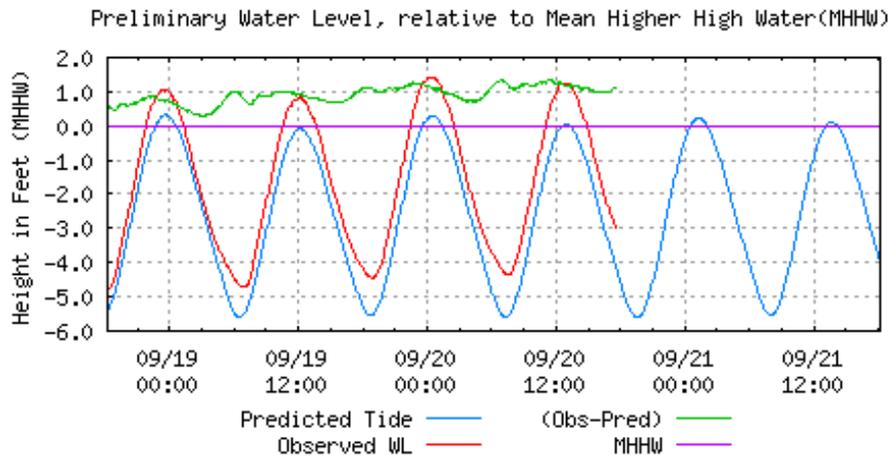
Barometric Pressure: 1005.2 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



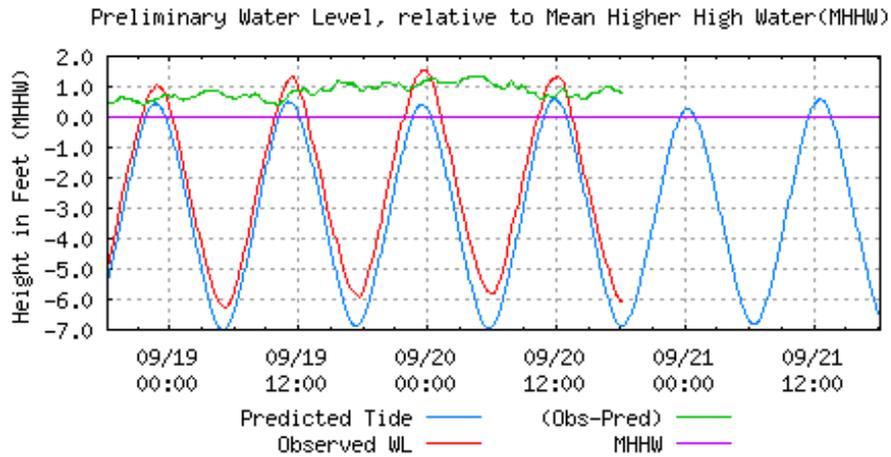
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -1.16 ft. Predicted: -1.62 ft. Residual: 0.46 ft.**  
Historical Maximum Water Level: Sep 21 1938, 8.58 ft.  
Next High Tide: 09/20/2017 21:03 (EDT), 0.20 ft.

NOAA/NOS/CO-OPS 8447435 Chatham, MA



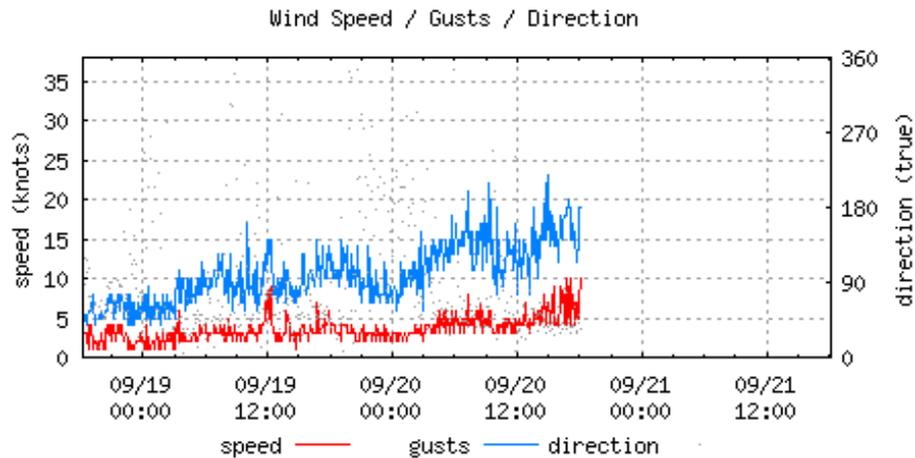
Last Observed Sample: 09/20/2017 17:30 (EDT). Data relative to MHHW  
**Observed: -2.96 ft. Predicted: -4.09 ft. Residual: 1.13 ft.**  
Historical Maximum Water Level: Jan 3 2014, 4.26 ft.  
Next High Tide: 09/21/2017 01:16 (EDT), 0.22 ft.

NOAA/NOS/CO-OPS 8465705 New Haven, CT



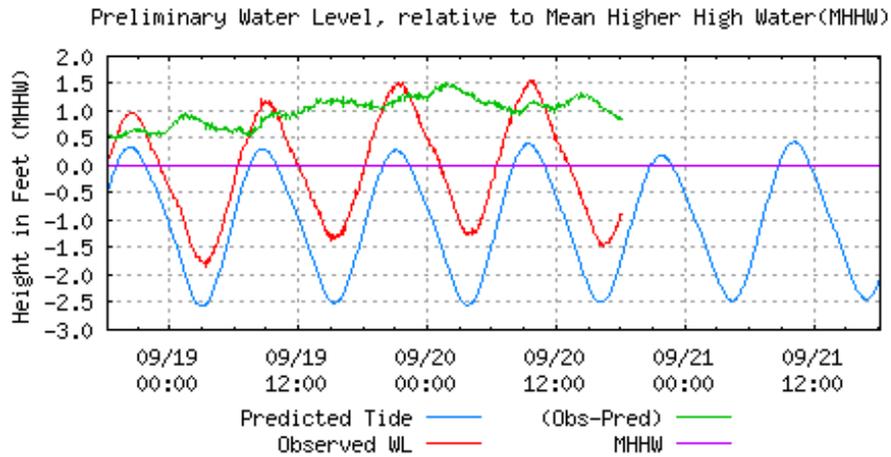
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -6.09 ft. Predicted: -6.88 ft. Residual: 0.79 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.  
 Next High Tide: 09/21/2017 00:15 (EDT), 0.27 ft.

NOAA/NOS/CO-OPS 8465705 New Haven, CT



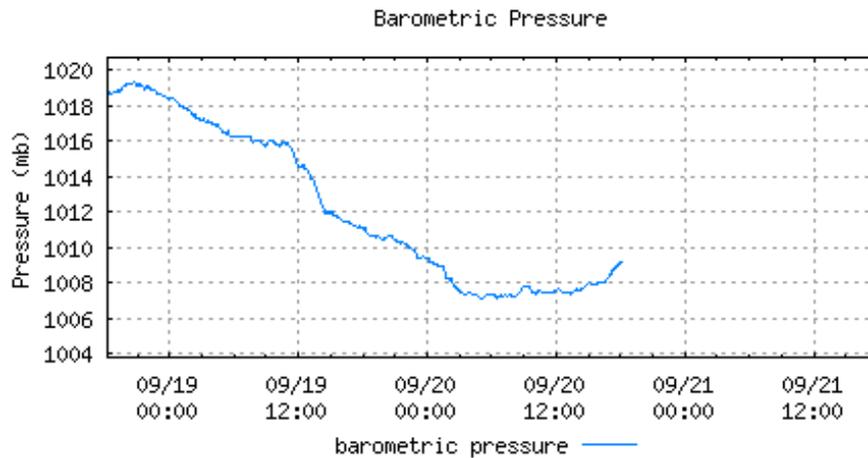
Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Wind Speed: 10 knots Gusts: 19 knots Direction: 35° T**

NOAA/NOS/CO-OPS 8510560 Montauk, NY



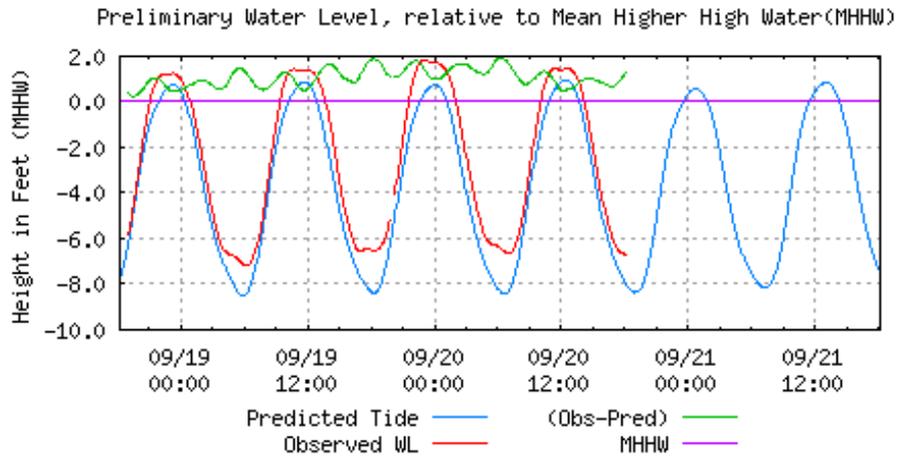
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -0.88 ft. Predicted: -1.72 ft. Residual: 0.84 ft.**  
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.  
 Next High Tide: 09/20/2017 21:49 (EDT), 0.19 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY



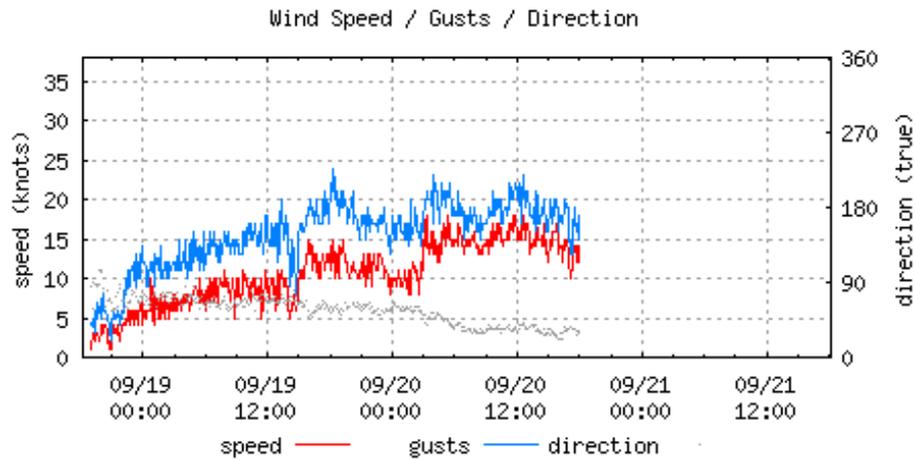
Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Barometric Pressure: 1009.2 mb**

NOAA/NOS/CO-OPS 8516945 Kings Point, NY



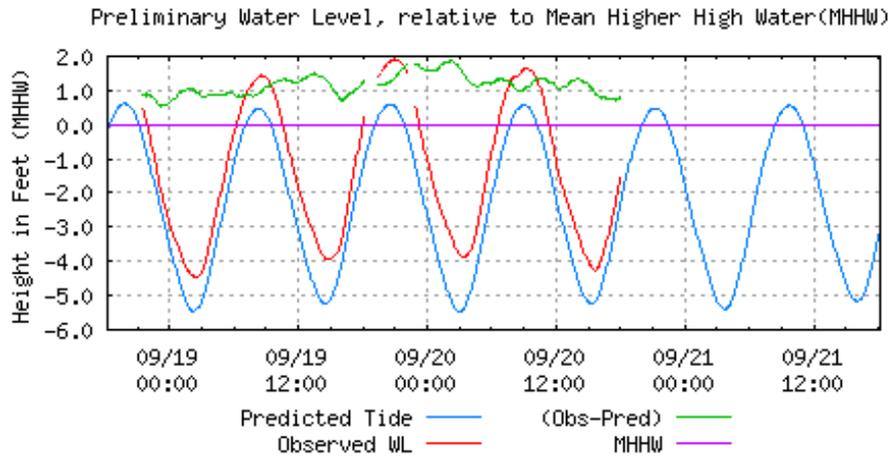
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -6.69 ft. Predicted: -7.96 ft. Residual: 1.27 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.  
 Next High Tide: 09/21/2017 00:46 (EDT), 0.57 ft.

NOAA/NOS/CO-OPS 8516945 Kings Point, NY



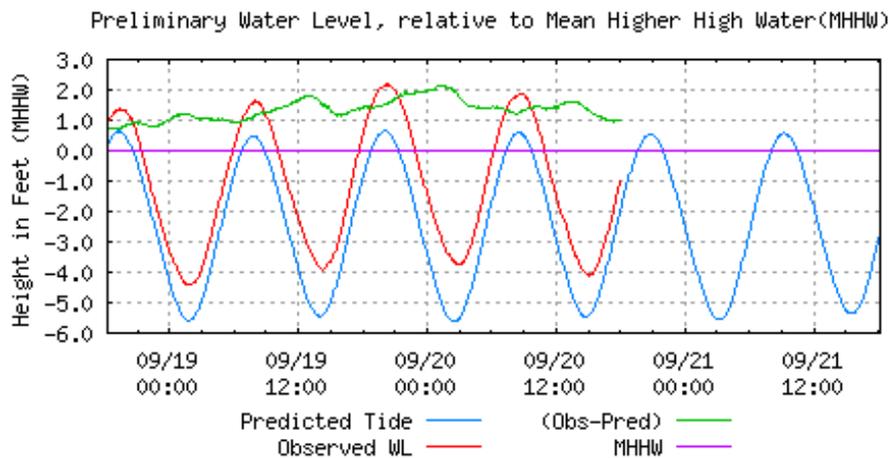
Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Wind Speed: 12 knots Gusts: 16 knots Direction: 32° T**

NOAA/NOS/CO-OPS 8518750 The Battery, NY



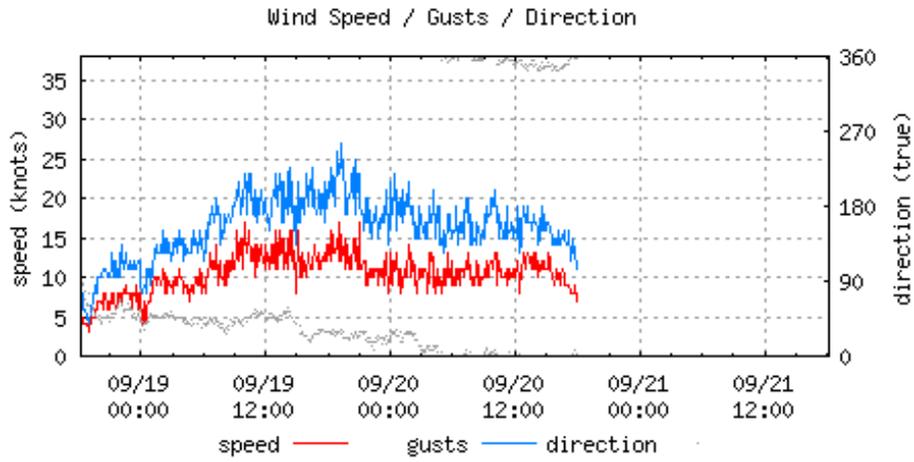
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -1.35 ft. Predicted: -2.17 ft. Residual: 0.82 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.  
 Next High Tide: 09/20/2017 21:17 (EDT), 0.49 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -0.88 ft. Predicted: -1.83 ft. Residual: 0.95 ft.**  
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.  
 Next High Tide: 09/20/2017 20:47 (EDT), 0.53 ft.

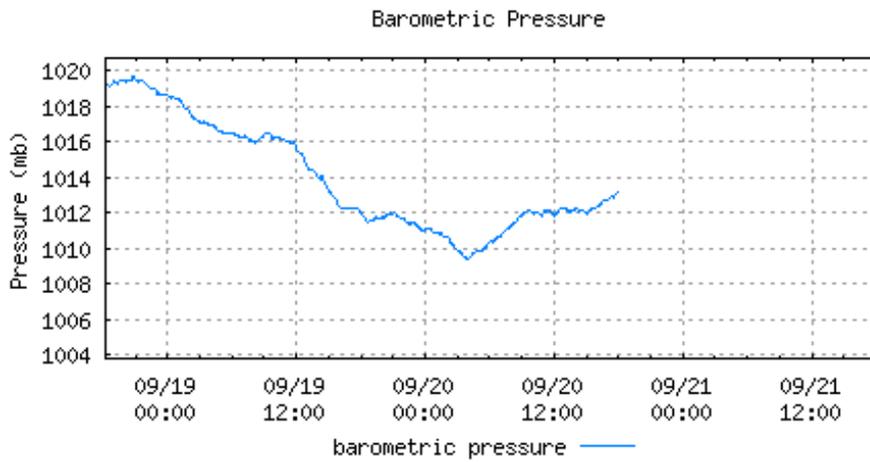
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 18:06 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 354° T

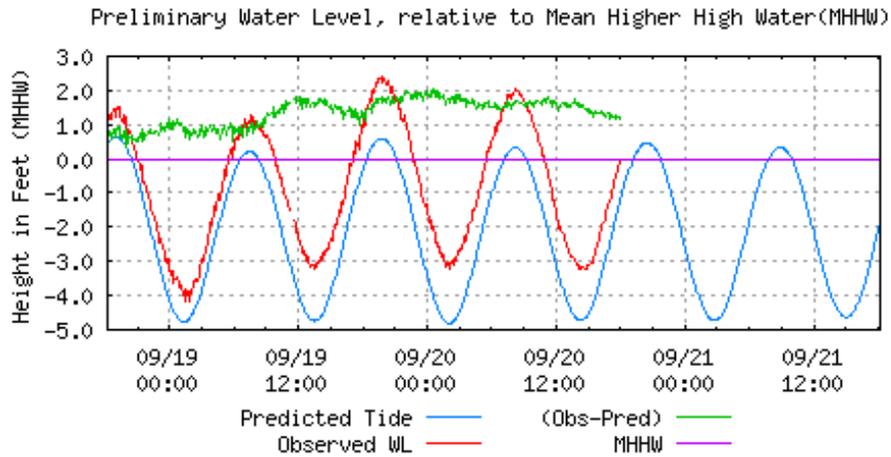
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 18:06 (EDT)

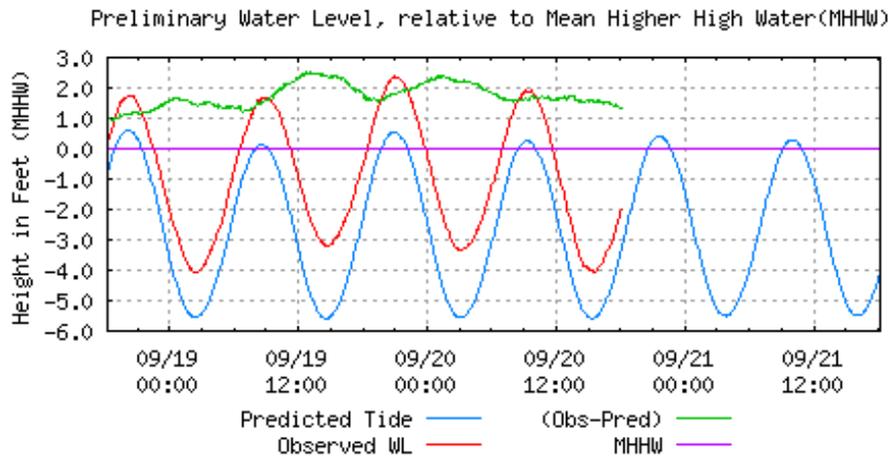
Barometric Pressure: 1013.1 mb

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ



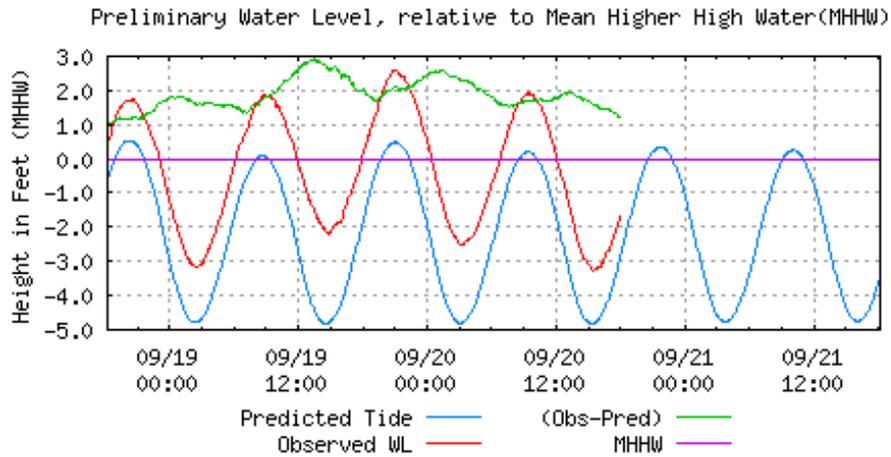
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: 0.08 ft. Predicted: -1.07 ft. Residual: 1.15 ft.**  
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.  
 Next High Tide: 09/20/2017 20:28 (EDT), 0.47 ft.

NOAA/NOS/CO-OPS 8536110 Cape May, NJ



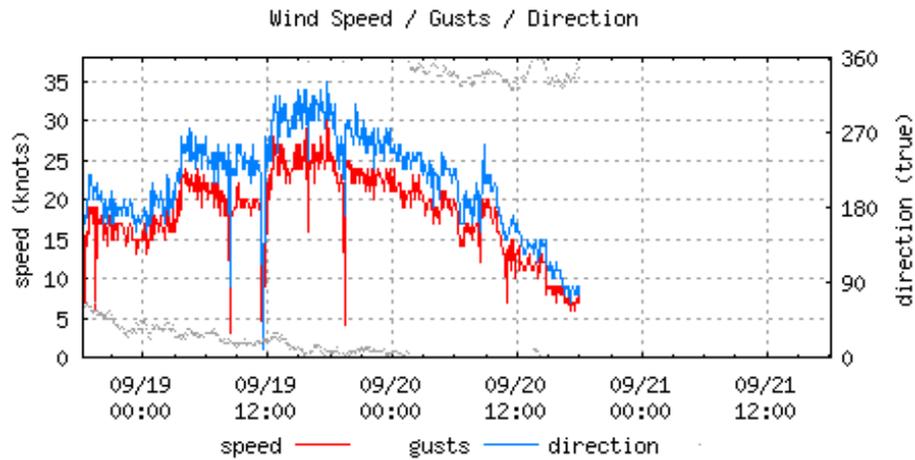
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -2.02 ft. Predicted: -3.34 ft. Residual: 1.32 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 3.53 ft.  
 Next High Tide: 09/20/2017 21:38 (EDT), 0.42 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -1.53 ft. Predicted: -2.76 ft. Residual: 1.23 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.  
 Next High Tide: 09/20/2017 21:43 (EDT), 0.35 ft.

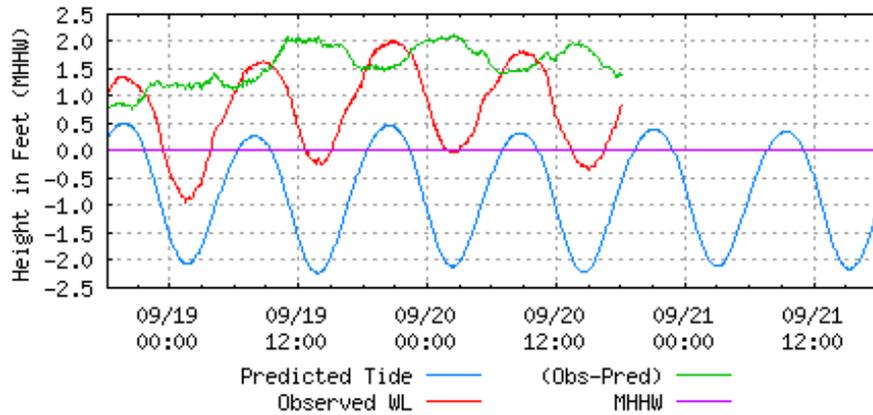
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Wind Speed: 8 knots Gusts: 10 knots Direction: 341° T**

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

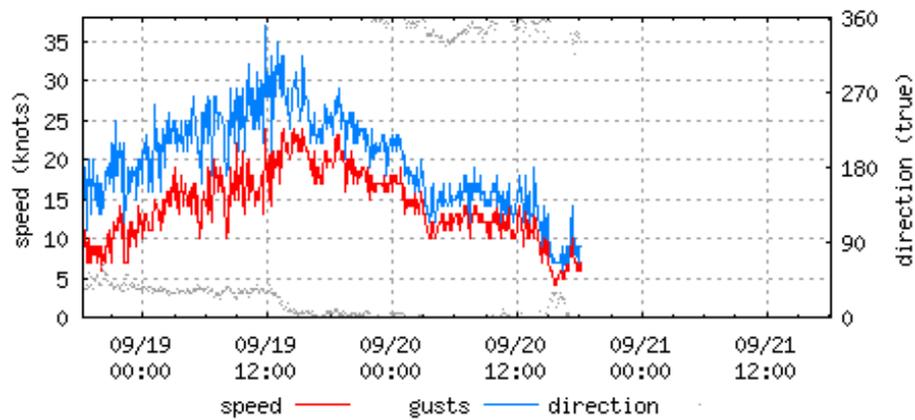
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/20/2017 18:12 (EDT). Data relative to MHHW  
**Observed: 0.88 ft. Predicted: -0.50 ft. Residual: 1.38 ft.**  
 Historical Maximum Water Level: Feb 5 1998, 3.61 ft.  
 Next High Tide: 09/20/2017 21:08 (EDT), 0.39 ft.

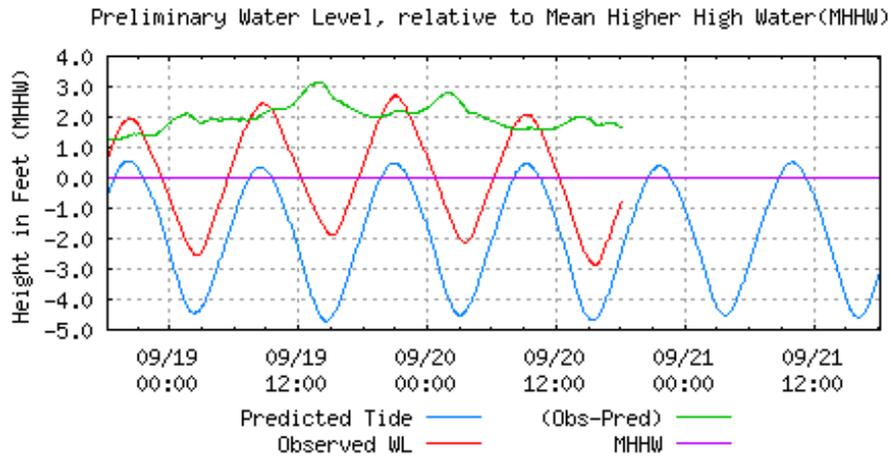
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction



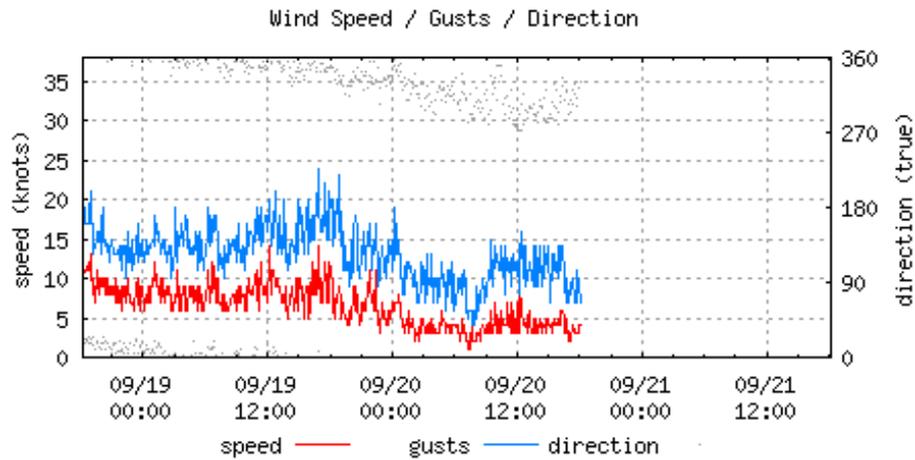
Last Observed Sample: 09/20/2017 18:12 (EDT)  
**Wind Speed: 7 knots Gusts: 8 knots Direction: 341° T**

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



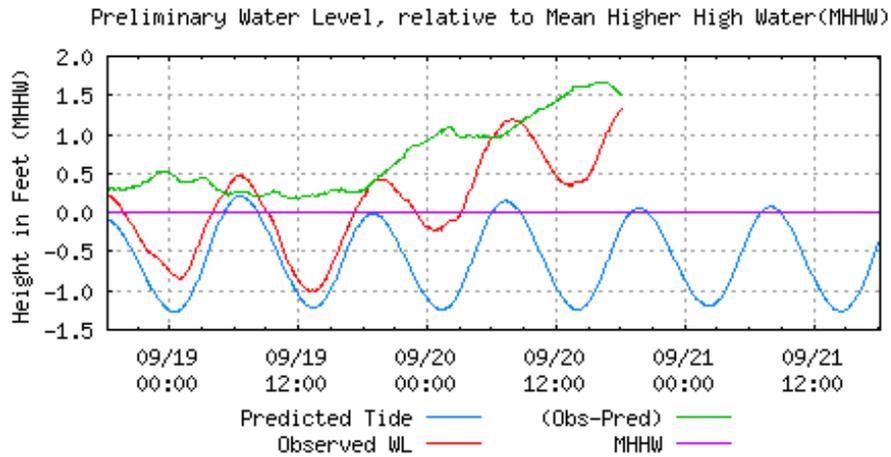
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: -0.80 ft. Predicted: -2.44 ft. Residual: 1.64 ft.**  
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.  
 Next High Tide: 09/20/2017 21:38 (EDT), 0.38 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



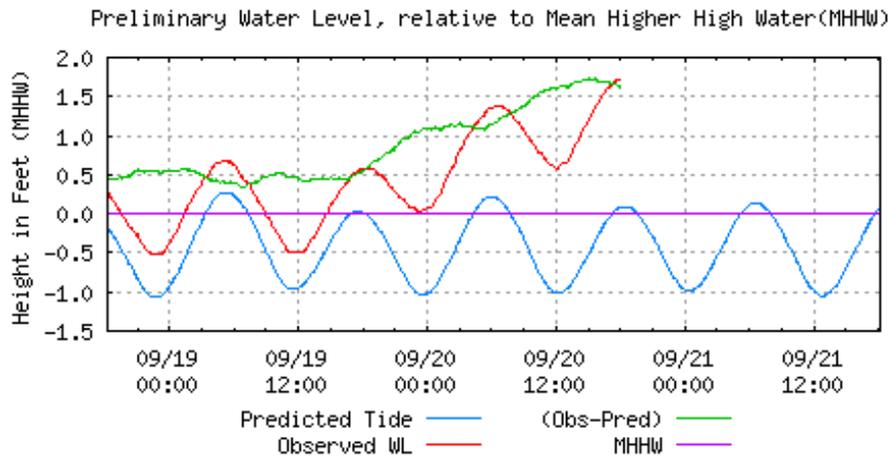
Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Wind Speed: 4 knots Gusts: 7 knots Direction: 331° T**

NOAA/NOS/CO-OPS 8574680 Baltimore, MD



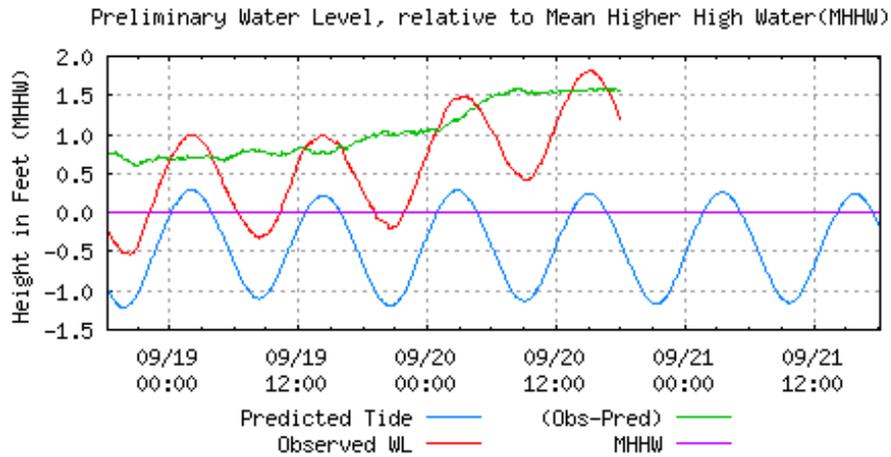
Last Observed Sample: 09/20/2017 18:12 (EDT). Data relative to MHHW  
**Observed: 1.35 ft. Predicted: -0.16 ft. Residual: 1.51 ft.**  
 Historical Maximum Water Level: Sep 19 2003, 6.49 ft.  
 Next High Tide: 09/20/2017 19:45 (EDT), 0.06 ft.

NOAA/NOS/CO-OPS 8575512 Annapolis, MD



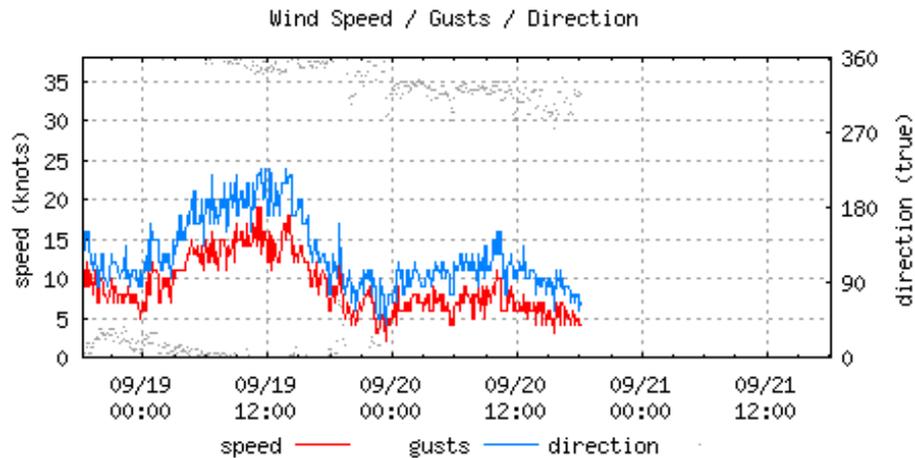
Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: 1.69 ft. Predicted: 0.09 ft. Residual: 1.60 ft.**  
 Historical Maximum Water Level: Sep 19 2003, 5.73 ft.  
 Next High Tide: 09/20/2017 18:21 (EDT), 0.10 ft.

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD



Last Observed Sample: 09/20/2017 18:06 (EDT). Data relative to MHHW  
**Observed: 1.18 ft. Predicted: -0.41 ft. Residual: 1.59 ft.**  
 Historical Maximum Water Level: Sep 1 2006, 2.93 ft.  
 Next High Tide: 09/21/2017 03:29 (EDT), 0.26 ft.

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD



Last Observed Sample: 09/20/2017 18:06 (EDT)  
**Wind Speed: 4 knots Gusts: 7 knots Direction: 316° T**

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8452660	Newport, RI	09/20/2017 18:06 (EDT)	-1.28 ft	-1.69 ft	0.41 ft	1.43 ft
8449130	Nantucket Island, MA	09/20/2017 18:06 (EDT)	-2.22 ft	-3.42 ft	1.20 ft	1.11 ft
8447930	Woods Hole, MA	09/20/2017 18:06 (EDT)	-1.16 ft	-1.62 ft	0.46 ft	1.19 ft
8447435	Chatham, MA	09/20/2017 17:30 (EDT)	-2.96 ft	-4.09 ft	1.13 ft	1.43 ft
8465705	New Haven, CT	09/20/2017 18:06 (EDT)	-6.09 ft	-6.88 ft	0.79 ft	1.54 ft
8510560	Montauk, NY	09/20/2017 18:06 (EDT)	-0.88 ft	-1.72 ft	0.84 ft	1.56 ft
8516945	Kings Point, NY	09/20/2017 18:06 (EDT)	-6.69 ft	-7.96 ft	1.27 ft	1.80 ft
8518750	The Battery, NY	09/20/2017 18:06 (EDT)	-1.35 ft	-2.17 ft	0.82 ft	1.91 ft
8531680	Sandy Hook, NJ	09/20/2017 18:06 (EDT)	-0.88 ft	-1.83 ft	0.95 ft	2.17 ft
8534720	Atlantic City, NJ	09/20/2017 18:06 (EDT)	0.08 ft	-1.07 ft	1.15 ft	2.43 ft
8536110	Cape May, NJ	09/20/2017 18:06 (EDT)	-2.02 ft	-3.34 ft	1.32 ft	2.37 ft
8557380	Lewes, DE	09/20/2017 18:06 (EDT)	-1.53 ft	-2.76 ft	1.23 ft	2.59 ft
8570283	Ocean City Inlet, MD	09/20/2017 18:12 (EDT)	0.88 ft	-0.50 ft	1.38 ft	2.01 ft
8631044	Wachapreague, VA	09/20/2017 18:06 (EDT)	-0.80 ft	-2.44 ft	1.64 ft	2.71 ft
8574680	Baltimore, MD	09/20/2017 18:12 (EDT)	1.35 ft	-0.16 ft	1.51 ft	1.35 ft
8575512	Annapolis, MD	09/20/2017 18:06 (EDT)	1.69 ft	0.09 ft	1.60 ft	1.71 ft
8577330	Solomons Island, MD	09/20/2017 18:06 (EDT)	1.18 ft	-0.41 ft	1.59 ft	1.82 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
 National Oceanic and Atmospheric Administration | U.S. Department of Commerce